B.S. Chemical Engineering Prerequisites Flowchart

First Year
- Fall
  - CHE111 – Intro to Chemical Engineering
  - MAT126 – Calculus I
  - PHY121 – Physics for Engineers I
  - CHY121 – General Chemistry I
  - CHY123 – General Chemistry Lab I
  - Human Values / Social Context Elective

- Spring
  - CHE112 – Intro to Chemical Engineering II
  - MAT127 – Calculus II
  - PHY122 – Physics for Engineers II
  - CHY122 – General Chemistry II
  - CHY124 – Gen Chem Lab II
  - ENG101 – College Composition

Second Year
- Fall
  - MAT228 – Calculus III
  - CHY251 – Organic Chemistry I
  - CHE200 – Fundamentals of Process Engineering
  - CHY253 – Organic Chemistry Lab I
  - Human Values / Social Context Elective

- Spring
  - CHE350 – Statistical Process Control
  - MAT258 – Differential Equations/Linear Algebra
  - CHY252 – Organic Chemistry II
  - CHE351 – Process Control
  - ENG20 – Technical Writing

Third Year
- Fall
  - CHE361 – Chem Engineering Lab I
  - CHE369 – Kinetics & Reactor Design
  - CHE362 – Elements of Chemical Engineering II

- Spring
  - CHE493 – Chemical Engineering Senior Seminar (0cr)
  - CHE363 – Chem Engineering Lab II
  - CHE479 – Chemical Engineering Design Projects
  - Technical Elective

Fourth Year
- Fall
  - CHE493 – Chemical Engineering Senior Seminar (1cr)
  - CHE469 – Chemical Engineering Design Projects
  - Technical Elective

- Spring
  - Technical Elective
  - CHE499 – Chemical Engineering Design Projects

*Some redundant catalog pre-requisites are omitted for easier reading of flowchart.